

Title (en)

USE OF MIXTURES OF BETAINES OR AMINOXIDES AND ESTERS OF NAPHTHENIC ACIDS WITH POLYOXYETHYLENE GLYCOL FOR THE RECOVERY OF PETROLEUM

Publication

EP 0043495 B1 19830316 (DE)

Application

EP 81104855 A 19810623

Priority

DE 3025383 A 19800704

Abstract (en)

[origin: EP0043495A1] 1. Use of a mixture of a) surface-active betaines which contain, as the hydrophilic radical, at least one quaternary ammonium group which is capable of forming an intramolecular salt with a carboxyl group or sulphonic acid group, and, as the oleophilic radical, at least one radical derived from naphthenic acids or amine oxides of the general formula see diagramm : EP0043495,P8,F1 in which R**1 is a naphthenoyl radical, R**6 is an alkylene radical having 2 to 5 carbon atoms, and R**7 and R**8 are identical or different and represent a methyl or ethyl radical, and b) polyoxyethylene esters of naphthenic acids, the ester having a molecular weight of 500-3,000, in an a) : b) weight ratio of 10:90 to 90:10 ; as surfactants for tertiary oil recovery.

IPC 1-7

E21B 43/22; **C09K 7/02**

IPC 8 full level

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CPC (source: EP)

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